

30. The light collection optical elements of claim 29 wherein the light sensor is an imaging element.

31. The light collection optical elements of claim 30 wherein the imaging element is a CCD device. --

In the abstract:

Please replace the abstract with the following version.

-- Light collection optical elements for a bar code scanner, in which the light connection elements include a collection lens positioned to collect light reflected from a bar code symbol and to direct the light to a light sensing element, and in which the collection lens includes an axicon element shaped and positioned to extend the working range over which the bar code symbol can be resolved by the sensing element. --